

ABSTRACT OF THE DISCLOSURE

The inventive system comprises a housing for receiving a flow of fluid. The invention for the first time uses a modular assembly of UV lamps. The modular assembly comprises at least two UV sources substantially parallel to each other and transverse to said flow. In an embodiment, one of the UV sources is disposed in a plane below all such other lamps and adapted to be run at a power higher than that of all such other lamps. The inventive arrangement is combined with a baffle arrangement wherein the baffles are preferably positioned in such a way to direct the fluid flow into the treatment area.